

Claims

1. Riser control device, particularly designed to be used in connection with spool or horizontal production trees (12) for wells in sub-sea oil and gas installations,
characterized in within a housing (1,2) provided in opposed direction radially movable pair of rams (6) for isolating (sealing off) the well and simultaneously, in opposed direction radially movable pair of shear blades (7) for cutting off an intervention string or the like, the rams (6) and blades (7) being driven by means of a within the housing (1,2) vertically provided actuator (8,9,23).
2. Riser control device according to claim 1,
characterized in that the actuator is in the form of a hydraulically driven annular piston (23) / annular chamber (29,30) device, which via piston rods (14) and translation beams (8) transforms the movement of the piston (23) to open or close the rams (6) and shear blades (7).
3. Riser control device according to claims 1 and 2,
characterised in that the shear blades (7) and rams (6) are reciprocally connected, whereby the radial movement of the shear blades (7) implies radial movement of the rams (6) as well.
4. Riser control device according to claim 3,
characterized in that the rams (6) are provided on top of the shear blades (7), whereby the interconnection between the rams and the blades is in the form of a slot (4) in the lower face of each ram (6) and a mating spigot (5) in the upper section of the shear blade (7).

5. Riser control device according to claim 4,
characterized in that the slot (4) extends over a distance parallel to the axis of the ram (6), whereby the respective blade (7) travels freely in relationship to the respective ram (6) over the same distance.